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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/595,003  
Filed: June 13, 2000  
Inventor(s):  
Nicolas Vazquez, Jeffrey L.  
Kodosky, Ram Kudukoli, Kevin  
L. Schultz, Dinesh Nair and,  
Christophe Caltagirone  
Title: System and Method for  
Automatically Generating a  
Graphical Program to  
Implement a Prototype

Examiner: Pillai, Namitha  
Group/Art Unit: 2173  
Atty. Dkt. No: 5150-44300

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Jeffrey C. Hood

*Jeffrey C. Hood*  
Signature

5/5/2004  
Date

SUPPLEMENTAL RESPONSE TO OFFICE ACTION OF  
JANUARY 28, 2004

RECEIVED

MAY 13 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Technology Center 2100

Dear Sir:

This paper is submitted as a supplemental response to the Office Action of January 28, 2004, in light of the Telephone Interview with Examiner on April 29, 2004, and to further highlight why the application is in condition for allowance.

**Telephone Interview Summary**

A telephone interview with Examiners Pillai and Cabeca was conducted on April 29, 2004, in which the prior art of Morris was discussed and compared to Applicant's invention as represented in the independent claims. Applicant noted that the portion of Morris's system cited by the Examiner against the present claims is clearly described in the present application as prior art, and more specifically, as the *manual* creation of a graphical program or block diagram, e.g., by manual selection and inclusion of nodes in the block diagram (e.g., by the user dragging and dropping nodes), and submitted that

Applicant's claimed *automatic generation* of a graphical program clearly distinguishes over the described prior art technique and Morris. Applicant further submitted that the added limitation of the independent claims ("wherein said automatically generating the graphical program comprises automatically including the nodes in the graphical program, wherein said automatically including the nodes in the graphical program is performed without direct user input selecting the nodes") has support in the present application based on the definition and description of the *manual* creation of a graphical program in the present application combined with the description of *automatic* creation of a graphical program. The Examiners disagreed, asserting that Morris's manual selection and inclusion of nodes in the block diagram (e.g., by the user dragging and dropping nodes) *was* automatic generation of a graphical program. The Examiners admitted that the added limitation in the independent claims did distinguish over the cited art, but also asserted that the limitation was not supported in the Specification. The Examiners also asserted that new claim 90 was not supported in the Application.

Please amend the case as listed below.